ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth	Breadth 5	Depth 6	7	8
			operator and fuel etc., Complete as of the work.	
			232 days	
Rs 2235=00			Rs 518520=00	
a-door Heavy)			etc., Complete as per	
of the work.				
			2320 Nos	
Rs 230.40			Rs 534528=00	
			Total — Rs 1053048=00	

M. A. R. 57 (Rule 116)
Measurement Book
No. B

"First and final" part-

495209

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of the Work :- Maintainance of Ward and Emergency Works in Wards No -10 (Doddabommasandra) Vidyaranpura Sub division						
	Estimated Cost :- Rs 20.00 Lacks. Jobcode :- 010-17-000019						
	Indent number :- 26831, Head of Account :- P1771						
	Work order No :- BBMP/EE/BTP/WO/27/2017-18. Dated :- 20/12/2017						
	Name of the Agency :- Sri. K.V. Subbareddy, #106/B, Ashwathnagara. Bangalore-560094						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	① Dismantling the existing structures like Culverts, bridges, retaining walls and other structures comprising of masonry, cement concrete, wood work, steel work, including T&P and Scaffolding wherever necessary, Sorting the dismantled material, disposal of unserviceable material and Stacking the serviceable material with all lifts complete as per specifications. (Pre stressed / Reinforced cement Concrete grade M-20 and above etc., complete as per specifications and directions of in-charge of the work. As per premeasurment wide of MB No- 4953 of page no- 495274					5.11 m³ 5274 5269=00 @ Rs 1032.02	
	② Dismantling of existing structures like Culverts, bridges, retaining walls and other structures like comprising of masonry, cement concrete, wood work, steel work, including T&P and Scaffolding Wherever necessary, Sorting the dismantled material disposal of Unserviceable material and stacking the Serviceable material with all						

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
	lifts complete as p mortal. etc. compl As per premeasurme MB No- 4953 & page n to 495275
	③ Earth work Excav electrical conduits eli soil not exceeding 1.5 trenches, stacking Som incharge of the

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
culverts, bridges, retaining walls ement concrete, wood work, steel y necessary, sorting the dismantled and stacking the serviceable material ions. c. pre stressed / Reinforced cement ete as per specifications and direction			5.11m³ 5274 5269=00	
@Rs 1032.02				
bridges, retaining walls and other ment concrete, wood work, steel work, necessary, sorting the dismantled material ing the serviceable material without				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

495210

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	lifts complete as per specifications. ii) dismantling brick/Tile work in cement mortar. etc.. complete as per specifications and direction as per measurement vide MBNo- 4953 & page no- 495274 to 495275					14.037m³	Rs 3457=00
	@Rs. 246.39						
	(3) Earth work Excavation for foundation of Buildings, water supply, Sanitary lines and electrical conduits either in pits @) in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of Pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking clods etc., complete as per specifications and directions of incharge of the work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per premeasurement wide q MB no- 4953 q page no- 495276					138.75 m³	
				@ Rs 190.85			Rs 26480=00
	(4) providing and laying in position Plain Cement Concrete of mix (1:4:8 with OPC cement @ 180 kgs, with 40mm & down size graded granite metal coarse aggregate @ 0.85 cum and fine aggregates @ 0.57 cum, machine mixed concrete laid in layers not exceeding 15cms thick well compacted, in foundation, including cost of all materials, labour, tools & machinery, curing etc, complete as per specifications and direction of m.					96.32 m³	
	As per premeasurement wide q MB no- 4953 q page no- 495276 to 495276						
				@ Rs. 4914.70			Rs 473384=00
	(5) providing and constructing granite/trap/basalt side drain masonry in foundation and cement mortar 1:6, stone laminated dressed in courses not less than 20cms thick, bond stones @ 2m apart in each course including cost of materials, labour						

Serial No. .....
Name of Work .....
Name of Contractor of
Date of commencemer

Date	Full descrip
1	2
	Curing etc Com specifications. As per premeasuro q page no- 4952
	(6) providing Cem cement mortar 1: with bond stones curing etc., Com As per
	To be Reduction of

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth 4	Breadth 5	Depth 6	7	8
			138.75 m³	
@ Rs 190.85			Rs 26480=00	
Cement Concrete of mix (1:4:8 with				
side graded granite metal Coarse				
0.57 cum, machine mixed concrete				
well compacted, in foundation,				
ion, tom & machinery, curing etc,			96.32 m³	
m of m.				
@ Rs. 4914.70			Rs 473384=00	
ast side stone masonry in foundation and plinth				
m cum not less than 20 cms thick				
including cost of materials, labour				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495211

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Curing etc Complete as per specifications. As per Preneasurement sheet & MB no-4953 & Page no-495276					Complete as per specifications & direction of M. 9.38 m³	39659-
	@ Rs. 4228.03					Rs 39669=00	
	providing Cord (consisting granite/brick bats of size stone masonry in basement in cement mortar 1:6, edges of stone shall be dressed in courses not less than 15 cms thick bond stones @ 2 m apart in each course including cost of materials, labour, curing etc., complete as per specifications and direction of M.						
	All round wall -	1 ×	21 ×	0.45 ×	0.45 =	4.25 m³	
	Toilet -	4 ×	1.2 ×	0.45 ×	0.45 =	0.97 m³	
	Reduction of Columns -	6 ×	0.45 ×	0.20 ×	0.45 =	(-) 0.24 m³	

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
			138.75 m³	
@ Rs 190.85			Rs 26480=00	
Cement Concrete of mix 1:4:8 with side graded granite metal coarse @ 0.57 cum, machine mixed concrete well compacted, in foundation, labour, tools & machinery, curing etc, complete as per specifications.			96.320 m³	
@ Rs. 4914.70			Rs 473384=00	
Rubble stone masonry in foundation with cement mortar 1:6, using granite stone, hard stone, etc., complete as per specifications and direction of M. including cost of materials, labour, scaffolding etc. complete.				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

495211

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Curing etc complete as per specifications and direction of M. Complete as per specifications. As per Preameasurement sheet of MB no-4953 & Page no-4952 to 6					9.380 m³	39659-
	@ Rs. 4228.03					Rs 39669=00	
	Providing & constructing granite/trap/basalt stone masonry in basement in cement mortar 1:6, edges of stone chisel dressed in courses not less than 15 cms thick, bond stones @ 2m apart in each course including cost of materials, labour, using etc., complete as per specifications and direction of M. including incidence of the work						
	All round wall	1 ×	21 ×	0.45 ×	0.45 =	4.25 m³	
	Toilet	4 ×	1.2 ×	0.45 ×	0.45 =	0.97 m³	
	Reduction of Columns	6 ×	0.45 ×	0.20 ×	0.45 =	(-) 0.24 m³	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Net Quantity				= 4.98 m³	
	i.e. quantity we can pay to is					= 4.98 m³	25169
						@ Rs. 5054.05 Rs 25177=00	
	(#) providing and laying cement Concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed Concrete (RMC) M20 for R.C.C works laid in 15cm thick layers and well compacted vibrating, curing, for raft foundation, column footing, main and Secondary beams with all leads & lifts etc., complete (exclusive cost of steel & fabrication charges) etc complete as per specification and direction of incharge of the work.						
	Columns footing }-	6 ×	1.2 ×	1.2 ×	0.6 =	5.18 m³	
	Column Risers }-	6 ×	0.2 ×	0.45 ×	3.6 =	1.94 m³	
	plinth }-	1 ×	21 ×	0.2 ×	0.3 =	1.26 m³	

Serial No. .....
Name of Work .....
Name of Contractor of nat
Date of commencement o

Date	Full description
1	2
	Ground
	R

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
Quantity			= 4.98 m³	
pay to is			= 4.98 m³	25169
@ Rs. 5054.05			Rs 25177=00	
wing comm and Downsize granite				
ing ready mixed Concrete (RMC) M20				
and well compacted vibrating, Curing,				
ainand Secondary beams with all				
e cost of steel & fabrication charges				
directing in charge & the work.				
1.2 ×	1.2 ×	0.6 =	5.18 m³	
0.2 ×	0.45 ×	3.6 =	1.94 m³	
21 ×	0.2 ×	0.3 =	1.26 m³	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 495212

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	lintel 3 -	1 × 21	× 0.2	× 0.15	=	0.63 m³	
	Beams 3 -	1 × 4.6	× 0.2	× 0.45	=	0.41 m³	
	Around Beams 3 -	1 × 21	× 0.2	× 0.45	=	1.89 m³	
	Roof slab 3 -	1 × 6.10	× 4.6	× 0.15	=	4.21 m³	
	Septic sump 3 -	1 × 4.00	× 2	× 0.15	=	1.20 m³	
	Side walls 3 -	2 × 4.00	× 0.15	× 2.70	=	3.24 m³	
		2 × 1.70	× 0.15	× 2.70	=	1.38 m³	
		1 × 4.00	× 2	× 0.15	=	1.20 m³	
	Roof Slab 3 -	1 × 1.50	× 1.50	× 0.15	=	0.34 m³	
				net quty	=	22.89 m³	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Not Supply to be Paid						
	(8) Providing and laying in position reinforced Cement Concrete of desired mix in 1:2:4 with 12mm & down size granite metal (coarse aggregates) @ 0.5865 cum and fine aggregates @ 0.439 cum with Superplasticizer @ 0.225 ltrs @ Rs. 5936.61 per cum including all materials, labour, Hoisting, machine mixed, well compacted, of plain & vibrated, average thickness, upto ground floor level, including curing complete but excluding cost of reinforcement etc.) Complete as per specifications and direction by Engg. (Contract & the work. Rest slabs - 6 to 1.50 m 0.6				= 5.40 m³	
	(9) Filling available excavated earth (excluding rock) in sides of foundations, Each deposits in layers not exceeding 20cms in depth, Compacting by ramming after watering with Hand upto 50cms, and lift upto plinth level					= 22.87 m³	

Rs 135862=00
1358.89 m³

Rs 2803=00.

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
			= 22.89 m³	
@ Rs. 5936.61			Rs 135862=00	
ed cement concrete of de			1358.89	
ms down size graded granite				
n and fine aggregate @ 0.039 cum				
chine mixed well compacted of plain				
ugh ground floor level, including cost				
finishing, curing complete but				
ete as per specifications and direction by				
1.50 × 0.6			= 5.40 m³	
@ Rs 519.04			Rs 2803=00.	
(excluding rock) in sides of			foundations,	
ms, in depth, comparting			Each deposits	
with hand rammers 5cms, and lift upto				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	.5m, including cost of materials, labour, etc., complete as per specifications and direction of us: incharge of the work. measurement and quality of are same as that of item of ①					138.75 m³	
			@ Rs. 128.24			Rs 17793=00	
	② providing and constructing load bearing wall with .00 × 150 × 200 mm having block density not less than 1800 kg/m³ and having a minimum average compressive strength 5.00 N/mm² conforming to IS 2185 (Part) .005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labours charges, scaffolding, curing etc., complete as per specifications and directions of Engineers incharge of the work,						
	Abutment =	2 ×	2.00 ×	3.00	=	12.00 m²	
	Parapet =	2 ×	6.10 ×	0.60	=	7.32 m²	
		2 ×	4.2 ×	0.6	=	5.04 m²	

30/11

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Toilet walls	4 ×	1.50 ×	2.10	=	12.60 m²	
	Deduct for openings — Door	1 ×	1.2 ×	2.10	=	(−) 2.52 m²	
	Windows	6 ×	1.50 ×	1.20	=	(−) 10.80 m²	
	Lintel	1 ×	21.00 ×	0.15	=	(−) 3.15 m²	
	Around seams	1 ×	21.00 ×	0.45	=	(−) 9.45 m²	
	To fit doors	1 ×	0.75 ×	2.10	=	(−) 1.58 m²	
	Ventilators	1 ×	0.60 ×	0.45	=	(−) 0.27 m²	
	Net Quantity				=	123.20 m²	
	(11) Providing T.M.T. reinforcement for R.C.C work including bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and removing the adjoining mortar, wherever necessary complete as per design (legs, hooks shall not be measured and paid) @ Rs 839.14					Rs 103382-	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BCC & C Corporation-27

CAT

30/11

Serial No. .....
Name of Work .....
Name of Contractor of na
Date of commencement o

Date	Full description
1	2
	materials, labo
	10-4-6.3-TMT ba
	including the w
	as per measure
	MB No- 49539
	to 495278
	(12) Providing and
	preparation of su
	mm) etc complete
	using Fe 415 kg/cm
	conforming to IS:
	treatment (6)

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
1.50 ×	2.10	=	12.60 m²	
1.2 ×	2.10	= (−)	2.52 m²	
1.50 ×	1.20	= (−)	10.80 m²	
21.00 ×	0.15	= (−)	3.15 m²	
21.00 ×	0.45	= (−)	9.45 m²	
0.75 ×	2.10	= (−)	1.58 m²	
0.60 ×	0.45	= (−)	0.27 m²	
Quantity		=	123.20 m²	103382
@ Rs 839.14			Rs 103378=00	

(c) work including rectifying, cutting, capping and/or welding wherever required, the adjoining mesh etc., wherever necessary shall be measured and paid for.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495214

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	materials, labour, hire of machinery, complete as per specifications and directions of the Engineer-in-charge of the work. 10-4-6.3-TMT bars Fe 500 etc., complete as per specifications and directions of the Engineer-in-charge of the work. 3 per premeasurement wide & MB No- 49539 page no- 49527 to 49527					2.56 Tons	144894 —
	@ Rs 56599.29						Rs 144623=00

(12) Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., using @ 75 kg/sqm of cement admixed with powder/slurry waterproofing compound conforming to IS:2645 over the R.C.C slab after cleaning the surface before treatment (a) applying and grouting a slurry coat of neat cement (b) Laying cement concreting work with brick bats 25 mm to 100 mm

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

size with 5% admixed with the providing water proofing compound required
slope & treating similarly the adjoining walls upto 300 mm height including
rounding off junction wall and slab(c). after two days of proper curing,
applying second coat of cement slurry admixed with prescribed quantity of water
proofing compound (d) finishing the surface with 20 mm thick of neat
cement mortar of mix 1:4 admixed with water proofing compound & finally finishing the surface with trowel and neat
cement slurry and making of 300 x 300 mm square (e). The whole terrace so
finished shall be flooded with water for 0.e.:

For Slab:- 1 × 6.10 × 4.20 = 25.62 m²

@ Rs. 912.86 Rs 23387=00

(13) providing 12 mm thick cement plaster in single coat with cement mortar 1:3
to ceiling including rounding off corners wherever required & smooth rendering
providing and removing scaffolding, including cost of all materials, labour
curing, etc., complete as per specifications and directions of incharge of the work

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2

Room

(14) providing 18 mm thick
brick masonry including
providing and removing
curing etc., complete as p
curing heal

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8

...water proofing compound required walls upto 300 mm height including ...(c). after two coats of super cynitex, ...d mixed with prescribed quantity of water ...e with 20 mm thick cement mortar ...th hydrolene water proofing water ...the surface with trowel and neat ...n square (e). The whole terrace is ...r.o.e.:

6.10 × 4.20 = 25.62 m²

@ Rs. 912.86 Rs 23387=00

...in single coat with cement mortar 1:3 ...ners wherever required smooth rendering ...ding Cost of all materials, labour ...tions and directions of in charge of the work

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 495215
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Rooms -	1 ×	11.80 ×	8.80	=	103.84 m²	
	C&FC	1 ×	1.20 ×	1.20	=	1.44 m²	
		1st quality			=	105.28 m²	
30/11	(14) providing 18 mm thick cement to brick masonry including rounding off providing and removing scaffolding curing etc., complete as per Laying Hubli-	Specification	@ Rs 220.14 Plastered in single coat corners where ever required including cutting and direction of in charge of the work			Rs 23176=00	with cement mortar 1:4, smooth rendering all materials, labour,
		2 ×	5.7 ×	3.00	=	34.20 m²	
		2 ×	4.2 ×	3.00	=	25.20 m²	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		4×	1.20×	2.10	=	10.08 m²	
	Deduction for ED-windows } -	0.5×1×	1.20×	2.10	=	(-)1.26 m²	
		0.5×6×	1.50×	1.20	=	(-)5.40 m²	
		0.5×1	×0.75×	2.10	=	(-)0.79 m²	
		0.5×1	×0.6×	0.45	=	(-)0.14 m²	
			Net	quantity	=	61.90 m²	
			@ Rs 247.40			Rs 15313.00	
	(15) Providing 18mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required, smooth rendering providing and removing scaffolding, including cost of materials, labour, leveling etc. complete as per specifications and direction of Ws. Incharge of the work.	2×	5.70×	3.90	=	44.46 m²	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	Deduction of windows } -
	(16) @ SRPB 4-6:10: Flooring using cement mortal 1:6,

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
1·20×	2·10		= 10.08 m²	
1·20×	2·10		= (+) 1.26 m²	
1·50×	1·20		= (+) 5.40 m²	
×0·75×	2·10		= (−) 0.79 m²	
×0·6×	0·45		= (−) 0.14 m²	
Net	Quantity		= 61.90 m²	

(a) Rs 247.40 Rs 153/3=00

Single Coat with cement mortal 1:6 to wherever required, smooth rendering complete Cost of materials, labour, lifting etc. for the purpose of the work.

5.70 × 3.90 = 44.46 m²

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 495216

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2×	4.2×	3.90 =		32.76 m²	
		4×	1.5×	2.10 =		12.60 m²	
	Deduction of EDs - windows } -	0.5×1×	1.20×	2.10 = (−)		1.26 m²	
		0.5×6×	1.5×	1.20 = (−)		5.40 m²	
		0.5×1×	0.75×	2.10 = (−)		0.79 m²	
		0.5×1×	0.6×	0.45 = (−)		0.14 m²	
		Net Quantity		=		82.24 m²	

(b) Rs 199.94 Rs 16443=00

Providing & laying 25mm to 40mm thick polished tender blue stone slab flooring with cement mortal 1:6, 25mm thick over existing cement concrete bed @ 1 top

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	roof level & line and level and painted with Cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour curing, polishing etc., complete as per specifications & directions of incharge of the work.						
	Rooms -	1 ×	5.70 ×	4.20	=	23.94 m²	
	Sheddings -	2 ×	5.70 ×	0.10	=	1.14 m²	
		2 ×	4.2 ×	0.10	=	0.84 m²	
			Net Quantity		=	25.92 m²	
			@ Rs 113.99			Rs 2934/=00	
(17)	KSHB 4-6-10: providing and removing centering, shuttering, bottis, propping etc., for chajjan, Corbell etc, including edges including cost of all materials, labour, curing complete as per specifications.	6 ×	1.50 ×	0.60	=	5.40 m²,	
			@ Rs. 272.65			Rs 1472=00	
(18)	providing & removing Centering Shuttering, struting, propping etc., in Rs 10 terms, pillars, posts and struts, Square/rectangular/polygon in plan including, carg						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	all materials, labour etc of the work.
	Assistant Executive E Vidyaranyapura Sub BBMP Bangalo
(19)	KSR 6.4.3 providing se moval of from work for ballasier and likes, th labour etc.., complet Arsharam

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
ith Cement slurry mixed with pigment to materials, labour curing, polishing etc., charges of the work.				
5.70 × 4.20			= 23.94 m²	
5.70 × 0.10			= 1.14 m²	
4.2 × 0.10			= 0.84 m²	
NET Quantity			= 25.92 m²	
@ Rs 1131.99				Rs 2934/=00
toring, shuttering, jointing, pointing etc., cluding cost of all materials, labour,				
1.50 × 0.60			= 5.40 m²,	
@ Rs. 272.65				Rs 1472=00
pointing, shutting, pointing etc., for 10 terms,				
tangular / polygon in plan including, Carg				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 495217

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	all materials, labour etc., complete as per specifications & directions & MS incharge of the work.						
		6 ×	4.8 ×	0.6 =	17.28 m²		
		6 ×	1.23 ×	3.6 =	26.57 m²		
			net quantity		= 43.85 m²		
			@ Rs 369.59			Rs 16207=00.	
19	providing and removing centering, shuttering, jointing, pointing etc., and e moving from work for flat surface such as suspended floors, roofs, landings, balconies and like, thickness above 200mm including cost of all materials, labour etc., complete as per specifications and direction of MS incharge of the work. Arsavaradi-	1 ×	5.7 ×	4.20	= 23.94 m²		

Assistant Executive Engineer
Vidyaranyapura Sub Division
BMP Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Toilet -	1×	1.2×	1.20	=	1.44 m²	
			Net quantity		=	25.388 m²	
			@ Rs. 387.76			Rs 9841=00	
	(20) providing and removing centering, shuttering, propping etc., and removal of from work for sides and soffits of beams, beam Lamp chajjas, Cantilever girders, bressamers and lintels not exceeding 1m in depth including cost of all materials, labour, etc., complete as per specifications and direction of in charge the work						
	Around Lintel -	2×	21.00×	0.30	=	12.60 m²	
	Around Plinth -	2×	21.0×	0.15	=	6.30 m²	
		2×	21.00×	0.45	=	18.90 m²	
		1×	4.6×	1.10	=	5.06 m²	
	For Sump sidewall	4×	4.00×	2.70	=	43.20 m²	
		4×	1.7×	2.70	=	18.36 m²	

Serial No. .....
Name of Work .....
Name of Contractor
Date of commencer

Date	Full des
1	

(21) providing
biaxial boule
Junctions and
including app
& machining
complete as p

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
1·2 ×	1·20	=	1·44 m²	
Net quantity		=	25.38 m²	
@ Rs. 387.76			Rs 9841=00	

ering, Shuttering, propping etc., and removal of ...am Lays chajjs, Cantilever girders, ... depth including cost of all materials, ... and direction of in charge of the work

21.00 ×	0.30	=	12.60 m²
21.00 ×	0.15	=	6.30 m²
21.00 ×	0.45	=	18.90 m²
4.6 ×	1.10	=	5.06 m²
4.00 ×	2.70	=	43.20 m²
1.7 ×	2.70	=	18.36 m²

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

495218

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	New –	1 ×	3.7 ×	1.70	=	6.29 m²	
	Covering sides –	2 ×	4.00 ×	0.15	=	1.20 m²	
		2 ×	2.00 ×	0.15	=	0.60 m²	
			Net Quantity		=	12.51 m²	
			@ Rs 258.51			Rs 29085=00	

(21) providing and fixing Iron thick diagonal beading of size 40×40 ×6 mm Junctions and corners, with including applying a priming coat of machining Complete as per complete as per Specifications and direction of in charge of the work. M.S. Sheet garage door with frame and angle Iron 3.15 mm thick M.S. gusset plate at handles, stoppers and Locking arrangements etc., red lead Paint coat of materials, labour, item Specifications Double leaf door of size 2.4 × 2.4 m. etc.,

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×	1.20×	2.10	=	2.52 m²	
		1×	0.75×	2.10	=	1.58 m²	
			Net Quantity		=	4.10 m²	94 76
			@Rs 2311.52			Rs 9465=00	
	(22) KSR 7.1: providing and fixing in position iron work comprising 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 45×32×3 mm weighing 1.41 kg/sq.m. (Complete as per drawing and direction of the Engineer in charge of the work)						
		6×	1.2×	1.50	=	10.80 m²	
		1×	0.6×	0.45	=	0.27 m²	
			Net Quantity		=	11.07 m²	
			@Rs 3498.58			Rs 38729=00	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

30/11

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, of
1	2
(23)	KSR B 15-19.1:
	Washable distemper
	coat with dist
	finish of the wo
	Measurement and Quantity
	of item No of Sub (if
(24)	KSR B 15-16.1: provid
	ement paint of approv
	clearing the surface &
	environment Quantity ar
	of the item No- (15)

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
1.20 ×	2.10	=	2.52 m²	
0.75 ×	2.10	=	1.58 m²	
-Quantity		=	4.10 m²	9476
@Rs 2311.52			Rs 9465=00	
irement Concrete 1:3:6 steps pleased fully openable as per approved drawings 1.449 kg/m³. Completed as per specification and				
1.2 ×	1.50	=	10.80 m²	
0.6 ×	0.45	=	0.27 m²	
Net Quantity		=	11.07 m²	
@Rs 3498.58			Rs 38729=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 495219

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(23)	KSRB 15-19.1: providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including scraping complete as per specification and cleaning the					167.18 m²	
	Measurement and Quantity are same as that of item No 7 along (item no 13 + item no 14)				@Rs. 71.70	Rs 11987=00	
(24)	KSRB 15-16.1: providing and finishing external walls in two coats with water proof cement paint of approved brand and shade to give an even shade after thoroughly cleaning the surface & loose etc. complete as per direction of the incharge of the work					82.24 m²	
	Measurement & Quantity are same as that of item No 15				@Rs. 84.82	Rs 6976=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(25) Providing & Ceramic tiles of approved make, shade and size for Economy, Heavy duty & steps and landings laid on a bed of 12mm thick cement mortar 1:3 mix, flush pointing with white cement using colour pigment Complete as per specification & Complete as per specification.						
	Floor y —	1 ×	1.20 ×	1.20	=	1.44 m²	
			@ Rs 1187.52			Rs 1710=00	
	(26) KSHB 14-17:2: Providing SK lining, dado, risers of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and gauged with white cement plaster 1:3 and for Complete as per Specification & direction of in charge of the work.						
		4 ×	1.20 ×	1.20	=	5.76 m²	
	Deduction of doors) —	1 ×	0.75 ×	2.10	=	−1.58 m²	
	Ventilator —	1 ×	0.6 ×	0.45	=	−0.27 m²	
			Net Quantity		=	3.92 m²	
			@ Rs. 1498.52			Rs 5867=00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(27)	KSHB 11-6: Providing and type (pedestal type stop fingers rubber buffers.
(28)	KSHB 11-11.1: Providing and size 630 × 450mm with a brackets, 32 mm dia. Com

REMENT BOOK

r	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
d	make, Shade and Size for flooring, treads,				
m	thick cement mortar 1:3 mix, Rough				
ect	Complete as per specification &				
	1.20 ×	1.20	= 1.44 m²		
			Rs 1710=00		
	@Rs 1187.52				
	do, risers of steps with colour glazed				
	and painted with white cement plaster				
	& direction & in charge of the work.				
	1.20 ×	1.20	= 5.76 m²		
			= 1.58 m²		
	0.75 ×	2.10	= 0.27 m²		
	0.6 ×	0.45	=		
			= 3.92 m²		
	Net safety			58	
	@Rs.	1498.52	Rs	5867=00	

495220

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
27	KSMB 11-6: Providing and fixing white vitreous china clayey, water closet European type (pedestal type siphonic) with black solid Plastic seat and lid, C.P brass hinges rubber buffers, 10 litres white glazed complete as per specifications and direction & in charge of the work					1 Each	
			@Rs 5003.56			Rs 5004=00	
28	KSMB 11-11.1: providing and fixing white vitreous china clayey, flat back wash basin, size 630 × 450 mm with a pair of 15 mm C.P brass pillar taps with C.I/M.S brackets, 32 mm dia. Complete as per Specifications and direction & in charge of the work					2 Unit	
			@Rs. 3924.08			Rs 7848=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(29)	KSRB 13-1.2: providing and fixing to wall, ceiling and floor galvanized/mild steel tube, 20mm dia nominal bore with fittings (medium grade as per 1.65 kg/m) B class complete as per specifications & direction of us incharge of the work complete as per specimen & direction of engr	1	10			= 10.00 m @ Rs 226.20 Rs 2262=00	
(30)	Supply of water storage tanks made of virgin Polymer (LLDPE) with two Layers outer black & blue and inner white layers complete as per specification and directions of us incharge of the work	1		5M		= 500 L @ Rs. 6.06 Rs 3030=00	
(31)	KSRB 13-6.2-2: Providing and fixing in position Quality, 20mm, nominal bore including cost of all materials, fixtures					down stop cock of approved	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Hire of machine comp
(32)	KSRB 8-6-5: providi water pipes 90mm outer complete as per specifications a A/round wall
(33)	Cement concrete pa Pavement, thickness a

Dimensions				Contents	Reference to last Measurement
nber 3	Length 4	Breadth 5	Depth 6	7	8
5					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(a) Comp. After clause 405.2 of type of Specifications and directions in. Incharge of the work						
		1	30	15	0.10	= 45.00 cum	231784
				@ Rs. 5150.75		Rs 231748=00	
	(3) Vacuum dewatering with vacuum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, Hom & machinery complete as per Specifications Edition in the Work. Comp.						
		1	30	15		= 450.00 m²	
				@ Rs. 89.20		Rs 40140=00	
				Total		Rs 1510166=00	
	Bhuvaneshwari 06/10/2018						

Assistant Executive Engineer
Vidyaranyapura Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2

2nd Main Road → C-Cross Road →

REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
use 105 Nos			as per	
30 x	15 x	0.10 =	45.00 m³	
3.5	150.75			
			Rs 23178=00	
0 x	15	=	450.00 m²	
.89.20				
			Rs 40140=00	
			Rs 1510166=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

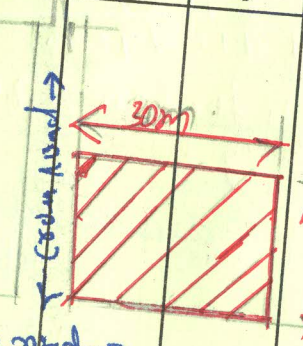
Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

495222

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd Cross Road →						
	← Nagamma temple road →						
	Bunny						
	06/10/2018						



INDEX:-
- Concrete work done
- Building constructed

Cross Road →

Assistant Executive Engineer
Vidyaranyepura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total Rs.	15,10,166-00	
					IT	15102-00	
					CESS	15102-00	
					CBT-	1510-00	
					LR-	4530-00	
					Fire	5875-00	
					CGST	13484-00	
					SGST	13484-00	
					Add Tax	69087-	
					Cheque	14,41,079-00	

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 15,10,166-00

ಗುತ್ತಿಗೆದಾರರು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 69087-00

ಮೊತ್ತವನ್ನು ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 14,41,079-00

Rs. Fourteen lakh forty one Thousand seventy nine Only -

ಇದಕ್ಕೆ ಮುಖಾಂತರ ನೀಡಬೇಕಾಗಿದೆ

Vasuny 30/11

ತಿಳಿಸಿದೆ ಸಹಿ 30/11

ಸಹಾಯಕ ಇಂಜಿನಿಯರ್ ವಿಭಾಗ

ಸಹಾಯಕ ಇಂಜಿನಿಯರ್ ವಿಭಾಗ

ಸಹಾಯಕ ಇಂಜಿನಿಯರ್

ಸಹಾಯಕ ಇಂಜಿನಿಯರ್

30/11

erial No. .....
ame of Work .....
ame of Contractor of
ate of commencement

Date	Full descript
1	2
	Name of the
	Jalajakshi-W
	Name of the Sure
	Ramachandra
	Work code:-
	Reference to Abs